

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8	(inject\$3 near3 steam) with nozzle with perforation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/06 10:07
L2	24	(inject\$3 near3 steam) same (nozzle with perforation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/06 10:07
L3	0	(inject\$3 near3 steam) with venturi with perforation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/06 10:07
L4	1	(inject\$3 near3 steam) same (venturi with perforation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/06 10:08
L5	9	(inject\$3 near3 steam) same venturi same perforation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/06 10:20
L6	952	lateral adj (borehole wellbore)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/06 10:21
S1	6	inject\$3 near5 steam near5 (zone formation) near5 control\$3 near5 flow	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 07:56
S2	10	inject\$3 with steam with (zone formation) with control\$3 with flow with nozzle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 07:56
S3	3	(inject\$3 with steam with (zone formation)) and (nozzle with throat with diffuser)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 07:57

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S4	224	(166/222).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/10/31 08:02
S5	0	(((166/269).CCLS.) ((166/222). CCLS.) ((166/169).CCLS.) ((166/303).CCLS.) ((166/386).CCLS.)) and ((critical near3 flow) with (tubing near3 pressure near3 ratio near3 "0.9"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 08:03
S6	173	(166/269).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/10/31 08:04
S7	3	(((166/269).CCLS.) ((166/222). CCLS.) ((166/169).CCLS.) ((166/303).CCLS.) ((166/386).CCLS.)) and (critical with flow with pressure with ratio)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 08:04
S8	17	(venturi near3 nozzle) and (critical with flow with pressure with ratio)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 08:04
S9	0	(((166/269).CCLS.) ((166/222). CCLS.) ((166/169).CCLS.) ((166/303).CCLS.) ((166/386).CCLS.)) and ((critical near3 flow) with (pressure near5 ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 08:07
S10	2	("4832503").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/05 09:22
S11	0	inject\$3 near5 steam near5 multiple near5 (zone formation) near5 control\$3 near5 flow	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/17 09:22
S12	0	inject\$3 with steam with multiple with (zone formation) with control\$3 with flow	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/17 09:23
S13	43	inject\$3 with steam with (zone formation) with control\$3 with flow	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/17 09:45

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S14	0	inject\$3 near5 steam near5 (zone formation) near5 throat near5 diffuser	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/17 10:15
S15	0	(inject\$3 near5 steam near5 (zone formation)) with nozzle with throat with diffuser	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/17 10:16
S16	0	(inject\$3 near5 steam near5 (zone formation)) and (nozzle with throat with diffuser)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/17 10:30
S17	6	("3856086" "4022278" "4753293" "5407009" "5607016" "5899274").PN.	USPAT	OR	ON	2003/06/17 10:21
S18	0	"6318464".URPN.	USPAT	OR	ON	2003/06/17 10:24
S19	211	(inject\$3 with steam with (zone formation)) and venturi	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/17 14:57
S20	96	((inject\$3 near5 steam near5 (zone formation)) and venturi) and (critical near3 flow near3 rate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/17 10:57
S21	7	("1439560" "2227539" "2611436" "2973039" "3422893" "3455382" "4058164").PN.	USPAT	OR	ON	2003/06/17 10:38
S22	8	"4648455".URPN.	USPAT	OR	ON	2003/06/17 10:40
S23	8	"4648455".URPN.	USPAT	OR	ON	2003/06/17 10:44
S24	166	(inject\$3 near5 steam near5 (zone formation)) and venturi	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/17 10:56
S25	2	("5141055").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/06/17 10:56
S26	100	((inject\$3 near5 steam near5 (zone formation)) and venturi) and (critical near3 flow)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/17 10:57
S27	7	((("4921044") or ("5024274") or ("5707214") or ("5743717"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/06/17 11:10

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S28	0	(inject\$3 with steam with (multiple near3 wellbore)) and venturi	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/17 14:58
S29	0	(inject\$3 with steam with (multiple near3 wellbore)) and nozzle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/17 14:58
S30	0	(inject\$3 with steam with (multiple near5 wellbore)) and nozzle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/17 14:58
S31	10	(inject\$3 with steam) and (multiple near5 wellbore) and nozzle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/17 15:00
S32	2	("5018576").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/06/17 15:00
S33	184	(166/169).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/06/18 07:56
S34	461	(166/303).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/06/18 07:57
S35	384	(166/386).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/06/18 07:59
S36	1390	((166/269).CCLS.) ((166/222).CCLS.) ((166/169).CCLS.) ((166/303).CCLS.) ((166/386).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/18 07:59
S37	0	((((166/269).CCLS.) ((166/222).CCLS.) ((166/169).CCLS.) ((166/303).CCLS.) ((166/386).CCLS.)) and ((critical near3 flow) with (tubing near3 pressure near3 ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/18 08:06
S38	0	((((166/269).CCLS.) ((166/222).CCLS.) ((166/169).CCLS.) ((166/303).CCLS.) ((166/386).CCLS.)) and ((critical near3 flow) with (tubing near5 pressure near5 ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/18 08:07

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S39	0	((166/269).CCLS.) ((166/222).CCLS.) ((166/169).CCLS.) ((166/303).CCLS.) ((166/386).CCLS.)) and ((critical near3 flow) with (pressure near3 ratio near3 "0.9"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/18 08:07
S40	4	("6708763").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/03 09:22
S41	20	("2227539" "4050515" "4557329" "4640355" "4646828" "4648455" "4770244" "4921044" "5018576" "5024274" "5141054" "5141055" "5365795" "5464059" "5707214" "5743717" "5990370" "6318464" "RE33614").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 09:48
S42	0	("6708763").URPN.	USPAT	OR	ON	2007/01/03 09:52
S43	7	("3960213" "4160481" "4640355" "4648455" "4653583" "4702314" "4770244").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 09:52
S44	10	("5141054").URPN.	USPAT	OR	ON	2007/01/03 10:28
S45	2	("5018576").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/03 10:28
S46	20	("2227539" "4050515" "4557329" "4640355" "4646828" "4648455" "4770244" "4921044" "5018576" "5024274" "5141054" "5141055" "5365795" "5464059" "5707214" "5743717" "5990370" "6318464" "RE33614").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 07:36
S47	7	(inject\$3 near3 steam) same ((wellbore well borehole (well adj bore) (bore adj hole)) near3 (lateral\$2 horizontal\$2 (non adj vertical))) same nozzle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/05 09:27

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S48	31	((inject\$3 near3 steam) same nozzle) and ((wellbore well borehole (well adj bore) (bore adj hole)) near3 (lateral\$2 horizontal\$2 (non adj vertical)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/05 09:28
S50	633	(166/303).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/05 09:39
S51	99	S50 and (nozzle venturi (throat with diffus\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/05 10:30
S52	2353	(inject\$3 near3 steam) with (nozzle venturi (throat with diffus\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/05 10:34
S53	54824	("166").CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/05 10:31
S54	24	S52 and S53	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/05 10:35
S55	3703	(inject\$3 near3 steam) same (nozzle venturi (throat with diffus\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/05 10:34
S56	59	S55 and S53	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/05 10:35
S57	7	("1612611").URPN.	USPAT	OR	ON	2007/01/05 10:45

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S58	40	(166/242.5).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/05 10:45
S59	317	(166/169).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/05 11:07
S60	404	(166/222).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/05 11:07
S61	16	("3561528" "3561535" "3732928" "3752231" "3876001" "4026363" "4031954" "4051895" "4294313" "4368780" "4375237" "4452305" "4765403" "4976314" "5425425" "6422312").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 11:12
S62	0	("6845817").URPN.	USPAT	OR	ON	2007/01/05 11:14
S63	7	("1612611").URPN.	USPAT	OR	ON	2007/01/05 11:14
S64	19	("1400765" "1565574" "1861332" "2019418" "2871948" "3098524" "3905553" "4042026" "4046199" "4081028" "4248302" "4274487" "4452309").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 11:15
S65	17	("4640355").URPN.	USPAT	OR	ON	2007/01/05 11:17
S66	10	("2725929" "3254721" "3385381" "3456721" "3980137" "4078613").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 11:18
S67	14	("4336839").URPN.	USPAT	OR	ON	2007/01/05 11:18
S68	17	("2368827" "3073683" "3456721" "3951584" "3980137" "3993431" "4077469" "4120640" "4237973" "4243098" "4385661" "4456068" "4459101" "4463803").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 11:19
S69	1	("4558743").URPN.	USPAT	OR	ON	2007/01/05 11:21